

Dietary iron restriction alleviates renal tubulointerstitial injury induced by protein overload in mice

Yasumasa Ikeda^{1*}, Yuya Horinouchi¹, Hirofumi Hamano^{1,2}, Tasuku Hirayama³, Seiji Kishi⁴, Yuki Izawa-Ishizawa¹, Masaki Imanishi², Yoshito Zamami^{2,5}, Kenshi Takechi⁶, Licht Miyamoto⁷, Keisuke Ishizawa^{2,5}, Ken-ichi Aihara⁸, Hideko Nagasawa³, Koichiro Tsuchiya⁷ & Toshiaki Tamaki¹

¹Department of Pharmacology, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan

²Department of Pharmacy, Tokushima University Hospital, Tokushima, Japan

³Laboratory of Pharmaceutical and Medicinal Chemistry, Gifu Pharmaceutical University, Gifu, Japan

⁴Department of Nephrology, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan

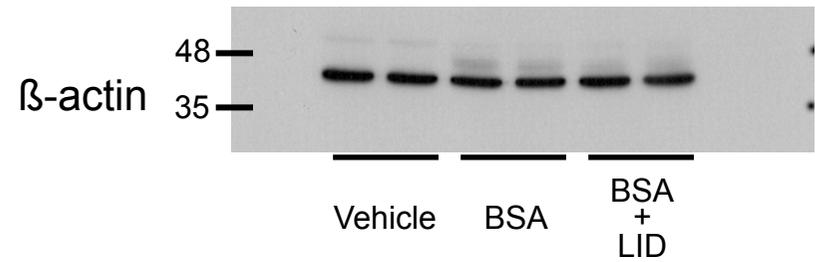
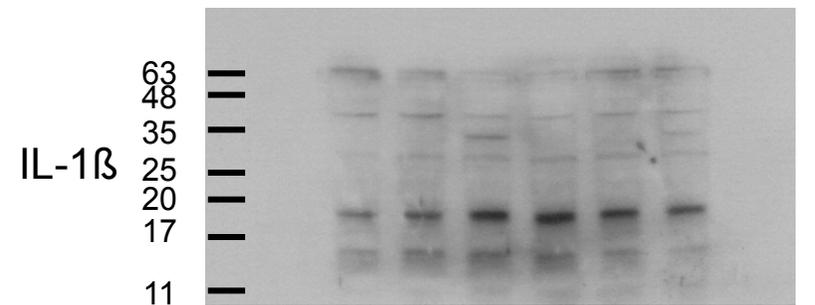
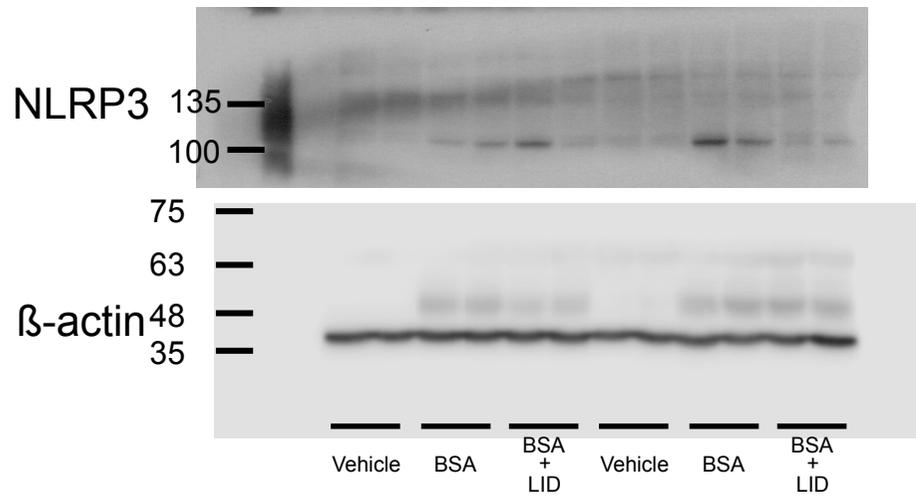
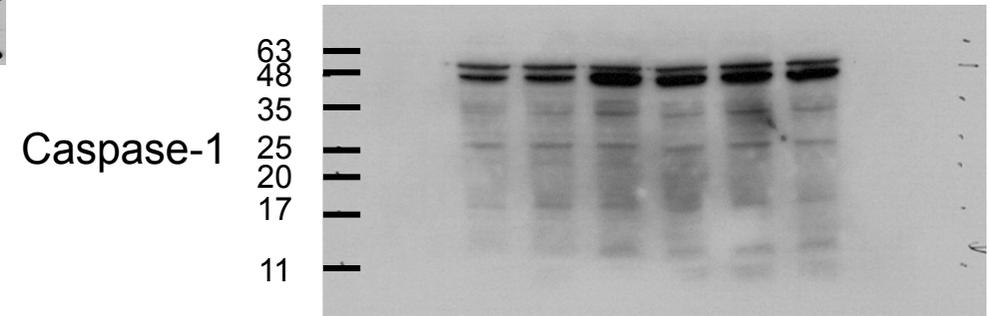
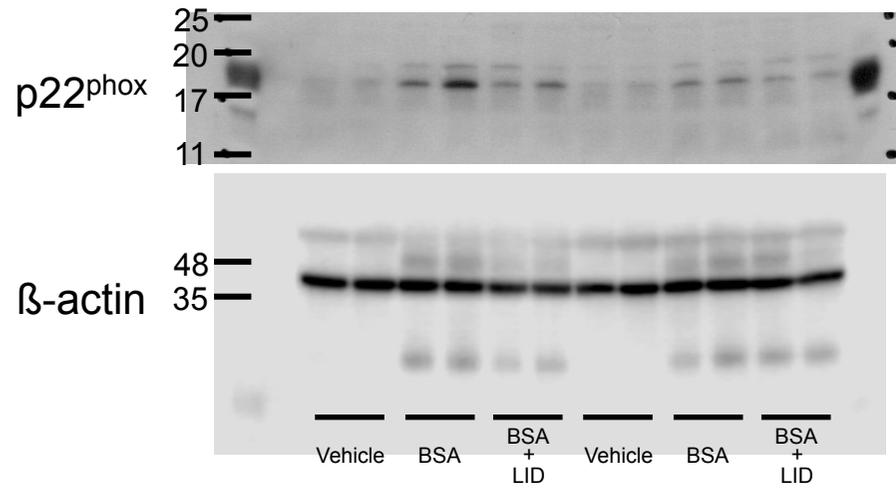
⁵Department of Clinical Pharmacology and Therapeutics, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan

⁶Clinical Trial Center for Developmental Therapeutics, Tokushima University Hospital, Tokushima, Japan

⁷Department of Medical Pharmacology, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan

⁸Department of Community Medicine for Diabetes and Metabolic Disorders, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan

Supplementary Figure 1: Full-length blots for use as representative figures in the manuscript.



Supplementary Figure 2: Representative histological images in kidney stained with Masson's Trichrome.

